

Figure 1

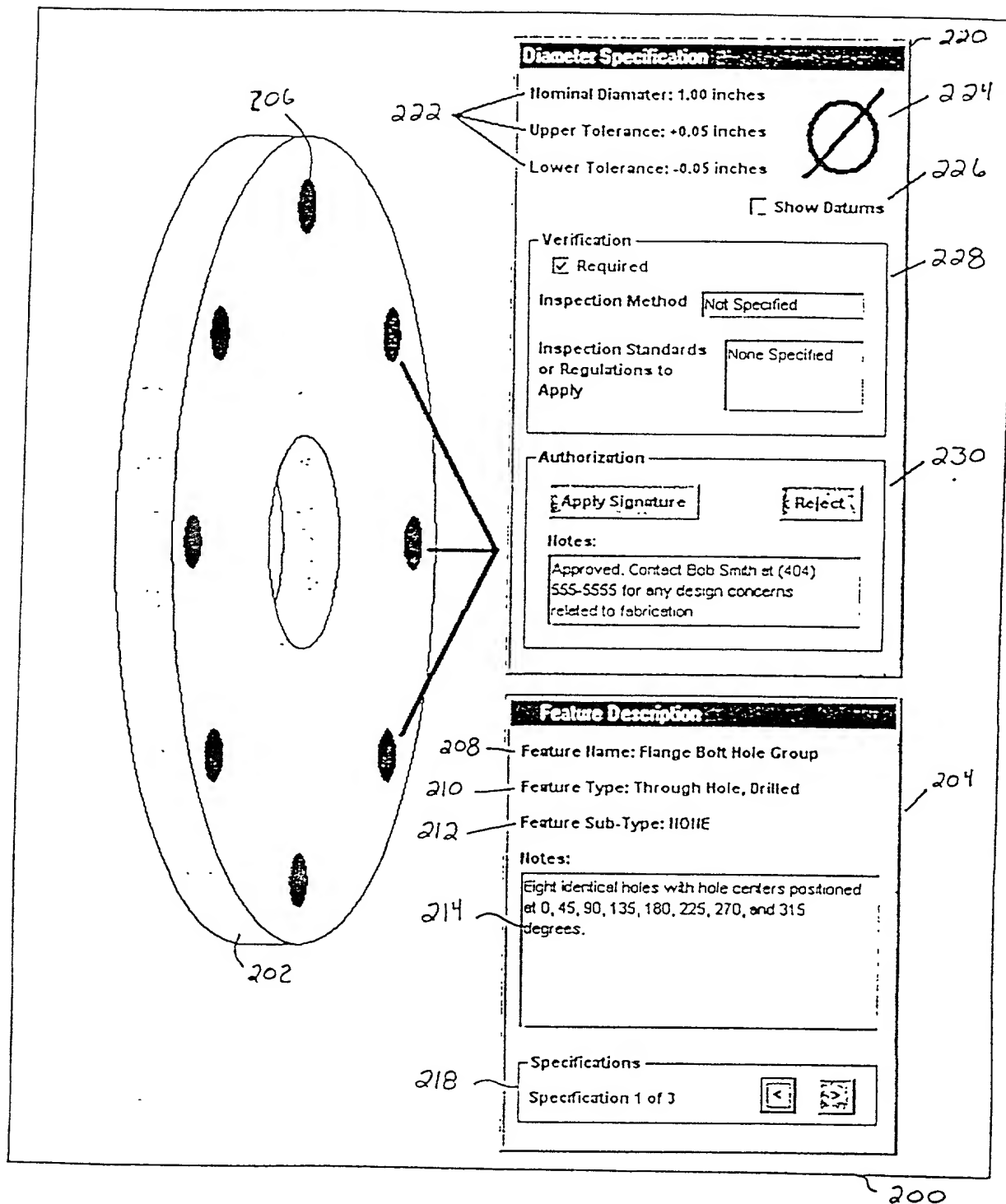


Fig. 2

Angle Specification

Nominal Angle: 45.0 Degrees
 Upper Tolerance: +0.1 Degrees
 Lower Tolerance: -0.1 Degrees

☐ Show Datums

Verification

☒ Required

Inspection Method

Inspection Standards or Regulations to Apply

Authorization

Notes:

Approved. Contact Bob Smith at (404) 555-5555 for any design concerns related to fabrication.

Feature Description

Feature Name: Flange Bolt Hole Group
 Feature Type: Through Hole, Drilled
 Feature Sub-Type: NONE

Notes:

Eight identical holes with hole centers positioned at 0, 45, 90, 135, 180, 225, 270, and 315 degrees.

Specifications

Specification 2 of 3

Fig. 3

10005350-030402

420

422

406

434

402

424

Linear Measure Specification

Nominal Distance: 10.00 inches
Upper Tolerance: +0.05 inches
Lower Tolerance: -0.05 inches

☐ Show Datums

Verification

☒ Required

Inspection Method: Not Specified

Inspection Standards or Regulations to Apply: None Specified

Authorization

Notes:

Approved. Contact Bob Smith at (404) 555-5555 for any design concerns related to fabrication.

Feature Description

Feature Name: Flange Bolt Hole Group

Feature Type: Through Hole, Drilled

Feature Sub-Type: HOLE

Notes:

Eight identical holes with hole centers positioned at 0, 45, 90, 135, 180, 225, 270, and 315 degrees.

Specifications

Specification 3 of 3

400

Fig. 4

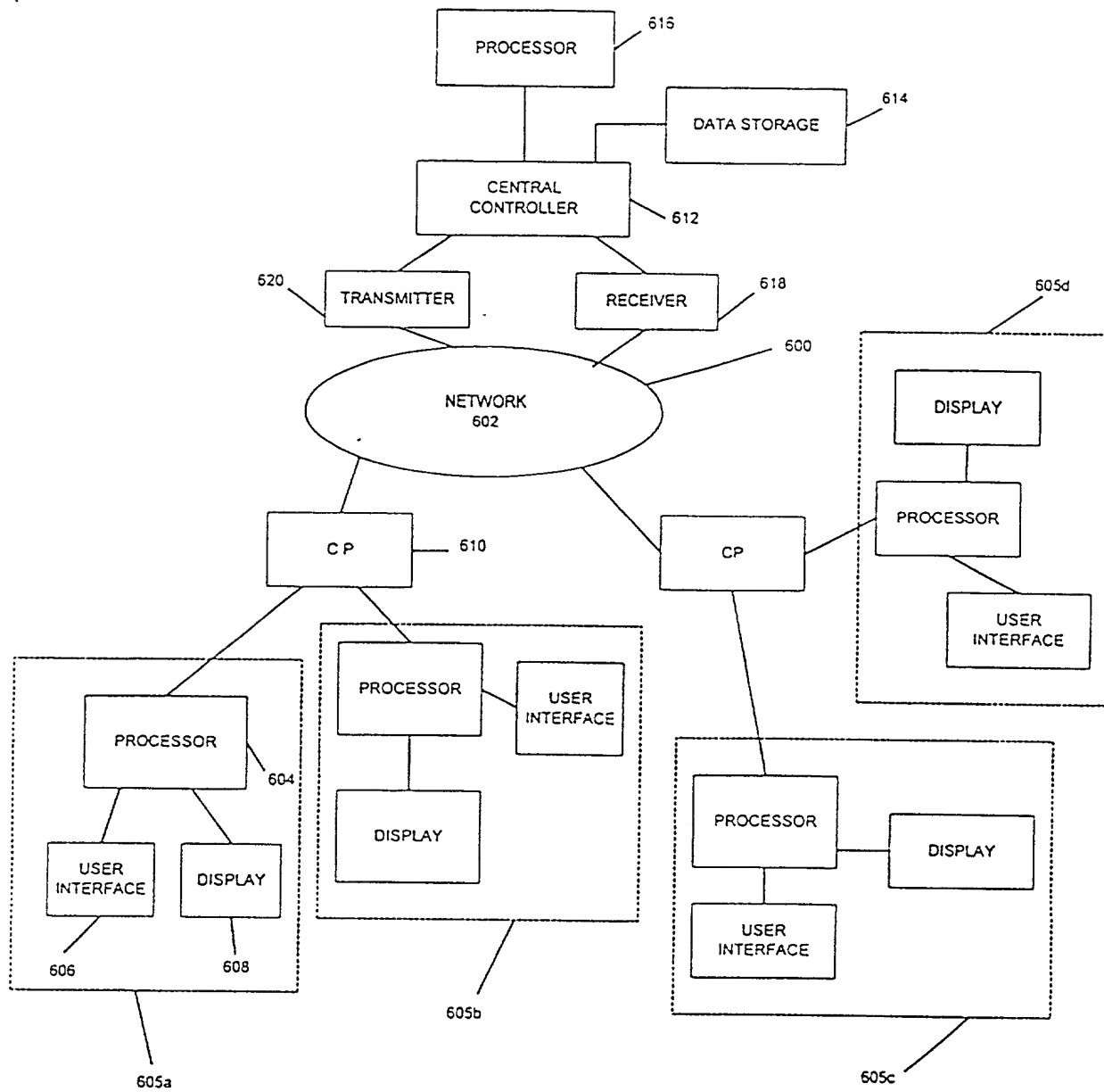


FIG. 6

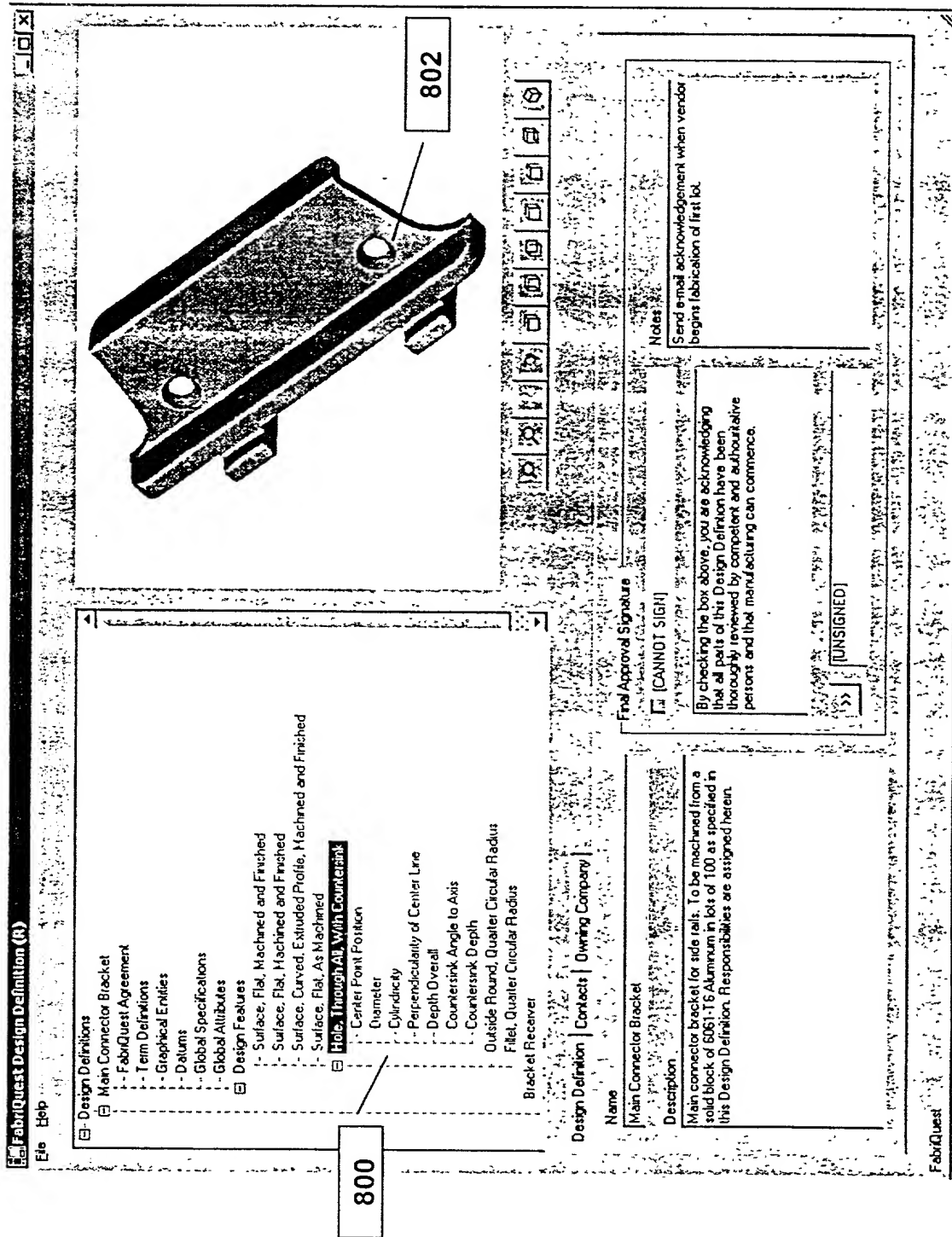


Figure 8

FabriQuest Design Definition (R)					
File Help Test					
<p>Design Definitions</p> <ul style="list-style-type: none"> - Main Connector Bracket - FabriQuest Agreement - Term Definitions - Graphical Entities - Datalogs - Global Specifications - Global Attributes - Design Features <ul style="list-style-type: none"> - Surface, Flat, Machined and Finished - Surface, Flay, Machined and Finished - Surface, Curved, Extruded Profile, Machined and Finished - Surface, Flat, As Machined - Hole Through All With Counterbore <ul style="list-style-type: none"> - Center Point Position - Diameter - Cylindricity - Perpendicularity of Center Line - Depth Overall - Countersink Angle to Axis - Countersink Depth - Outside Round, Quarter Circular Radius - Fillet, Quarter Circular Radius - Bracket Receiver 					
900	902				
<p>Design Definition Contacts Owning Company </p> <table border="1"> <thead> <tr> <th>Name</th> </tr> </thead> <tbody> <tr> <td>Main Connector Bracket</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Main connector bracket for side rail. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.</td> </tr> </tbody> </table>		Name	Main Connector Bracket	Description	Main connector bracket for side rail. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.
Name					
Main Connector Bracket					
Description					
Main connector bracket for side rail. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.					
<p>Final Approval Signature:</p> <p><input checked="" type="checkbox"/> Design Definition Approved for Manufacture.</p> <p>By checking the box above, you are acknowledging that all parts of this Design Definition have been thoroughly reviewed by competent and authoritative persons and that manufacturing can commence.</p> <p>By John Doe, 12/05/01</p>					
<p>Notes:</p> <p>Send e-mail acknowledgement when vendor begins fabrication of first lot.</p>					
904	906				
<p>FabriQuest</p>					

Figure 9

Figure 10

Figure 10

Figure 12

FebrQuest Feature Specification - Countersink Angle to Axis			
Specification Detail	Instructions	Descriptive Images	Link Definition
Instruction Name	Signed By	1300	1302
Pie Fabrication Setup	Sally Thomas, 12/02/2001		
Fabrication Method	[UNSIGNED]		
Post Fabrication Inspection	Sally Thomas, 12/05/2001		
Instruction Name			
Fabrication Method			
Content		1304	
Countersink angle should be formed using common, off-the-shelf tooling without special coatings or other special attributes. Selection of machinery and brand of tooling is left to the manufacturing vendor.			
Instruction Signature		1306	1310
<input type="checkbox"/> UNSIGNED (COMPONENTS NOT SIGNED)			
By checking the box above, you are acknowledging that the instruction and all of its components are correctly described as they relate to the selected design feature.			
Regulation Title	Signed By	1308	1312
[NO REGULATIONS APPLY]	Robert Smith, 12/02/2001		
Regulation			
[NO REGULATIONS APPLY]			
Description			
There are no regulations that govern any aspect of the selected instruction.			
Regulation Publisher			
[NONE]			
View Full Text			
Regulation Signature			
<input checked="" type="checkbox"/> No Regulations			
By checking the box above, you are acknowledging that there are NO REGULATIONS governing any aspect of the selected instruction.			

Figure 13

1500	
1502	1504
1506	1508
Angular Measure, Open Right Circular Feature	Units of Measure
DEGREES	1510
Lower Limit	1512
44.75	45.25
Nominal Value	45.00
Upper Limit	45.25
Signature	1514
<input checked="" type="checkbox"/> Accept This Limit Definition	
By checking the box above you are acknowledging that the definition of the specification value limit is correct and that all descriptive images and datums are properly defined and applied with respect to this limit definition.	
By Robert Smith, 12/03/2001	
1516	
1518	

Figure 15

